

AMENDMENTS TO THE CLAIMS

1-9. (Canceled)

10. (Currently Amended) A method of making a ~~preparation of recombinant~~ human decorin from the milk of a non-human mammal comprising:

providing a non-human mammal, which includes a transgene which directs the

expression of decorin in the mammary gland;

allowing the transgene to be expressed; and

recovering [[a]] the preparation of transgenically produced decorin, from the ~~non-human mammal or from a product~~ the milk produced by the non-human mammal.

11-13. (Canceled)

14. (Currently Amended) The method of claim 10, wherein ~~said decorin is produced in a transgenic non-human mammal~~ is a dairy animal.

15. (Currently Amended) The method of claim [[14]]10, wherein ~~said decorin is produced in the non-human mammal~~ is a transgenic goat.

16. (Previously Presented) The method of claim 10, wherein the transgenically produced decorin lacks a GAG chain.

17. (Canceled)

18. (Currently Amended) A method ~~for providing a transgenic recombinant human decorin preparation which includes heterologous decorin in the milk of a transgenic non-human mammal~~ comprising:

obtaining milk from a transgenic non-human mammal having introduced into its

germline a recombinant human decorin protein-coding sequence operatively linked to a promoter sequence that results in the expression of the protein-coding sequence in mammary gland epithelial cells, thereby secreting the recombinant decorin in the milk of the non-human mammal to provide the preparation.

19. (Currently Amended) A transgenic non-human mammal organism, which expresses a transgenic human decorin in its milk and from which a transgenic preparation of decorin can be obtained.

20-24. (Canceled)

25. (Currently Amended) The method of claim 10, further comprising using an expression cassette of a beta-casein promoter operably linked to the nucleic acid sequence encoding said recombinant human decorin.

26. (Canceled)